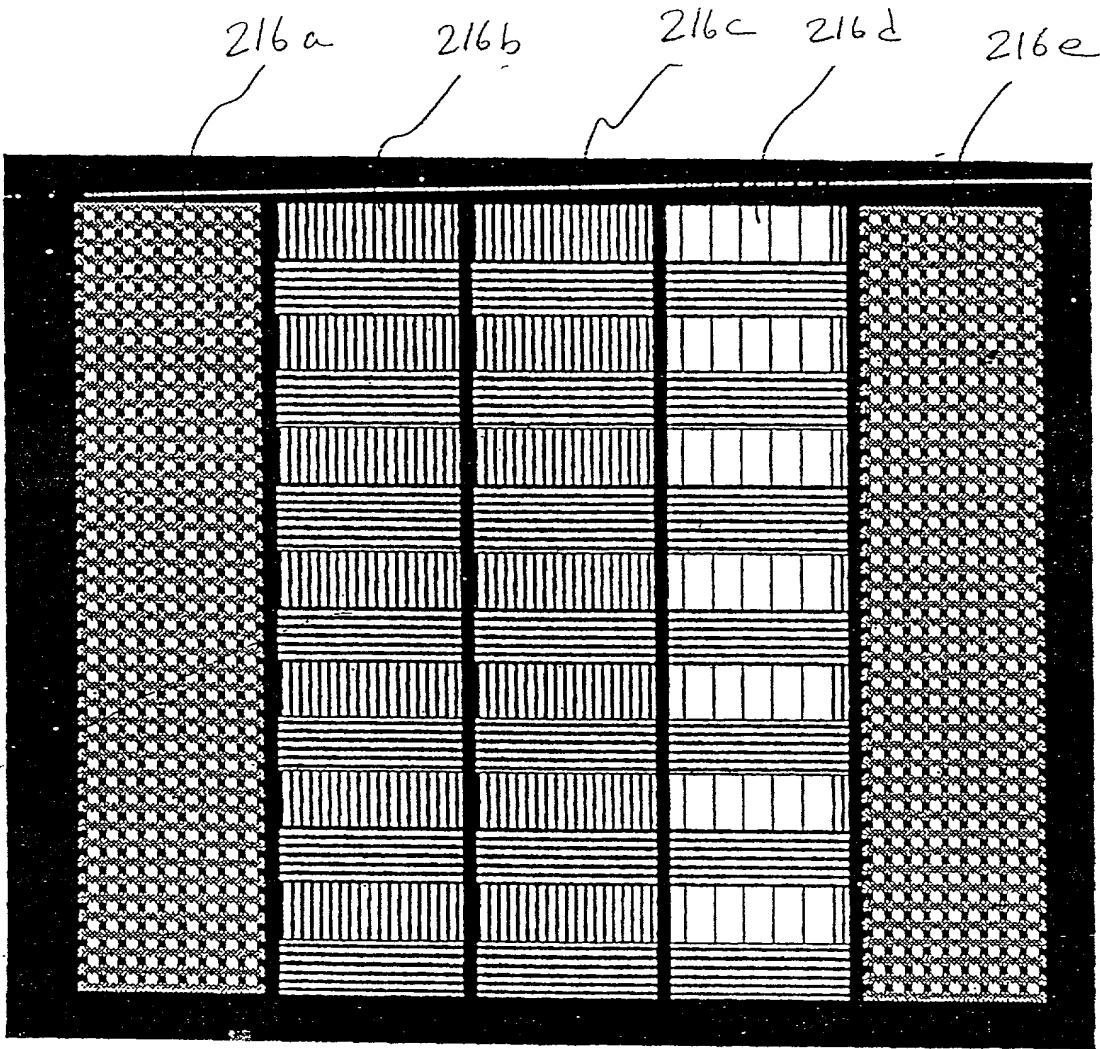


09907902.071901
T06T20*20640660



216 ↗

Fig 4

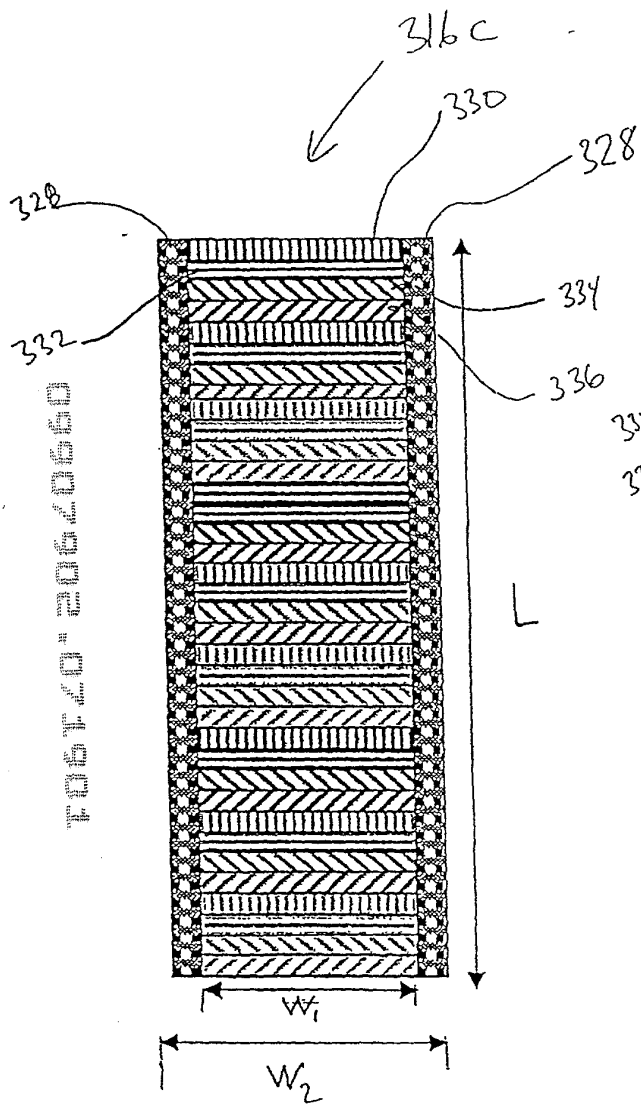


Fig 5A

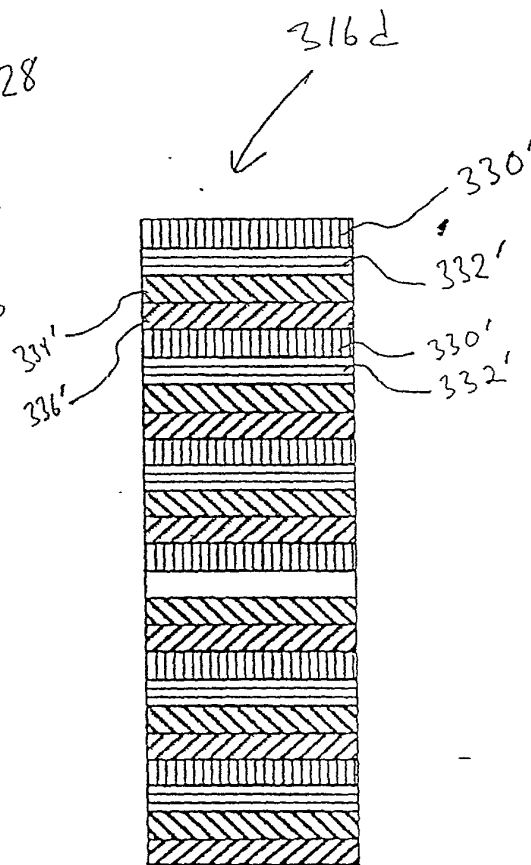


Fig 5B

09907902.071901
1067/01 206/0660

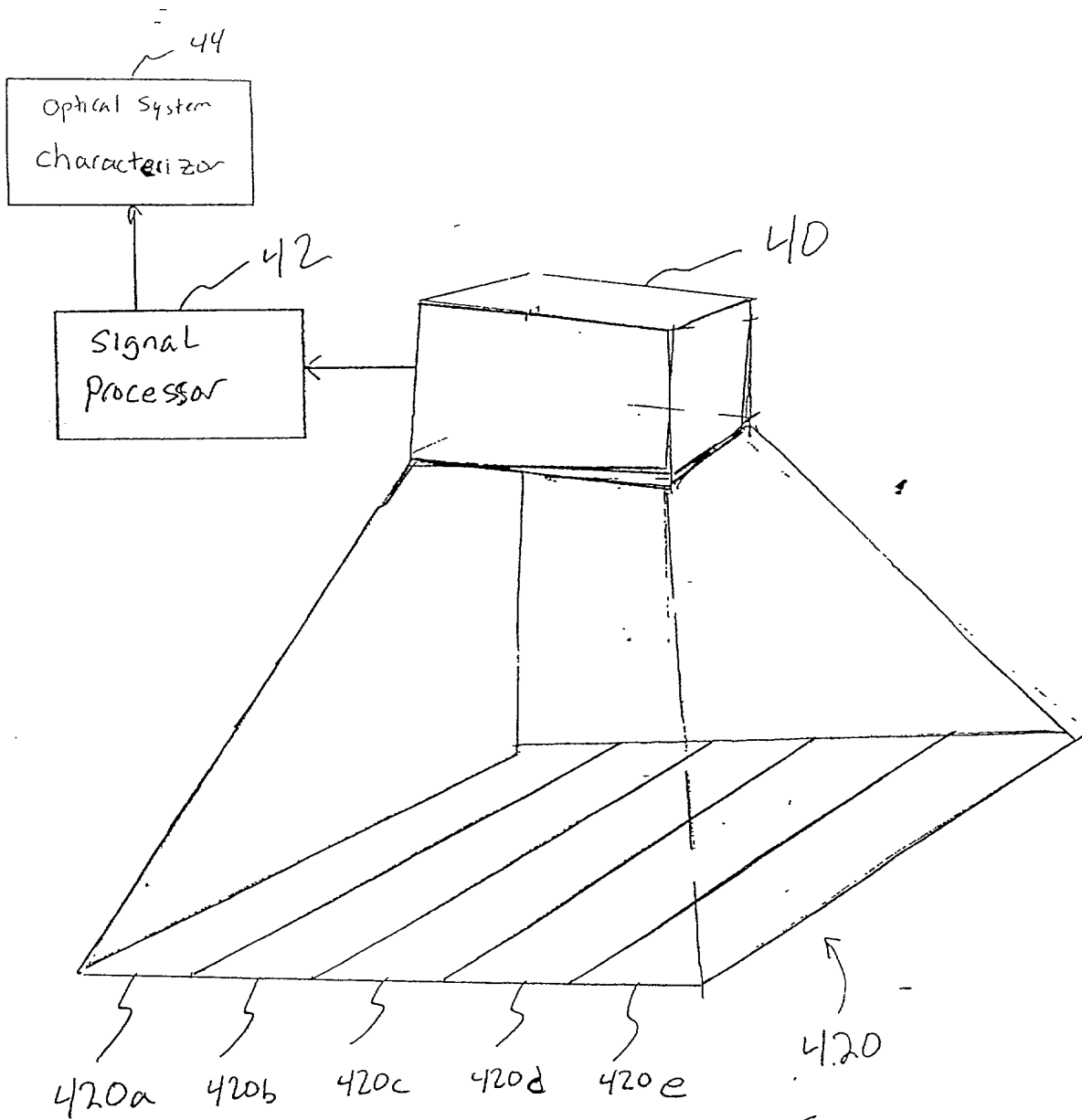


Fig 6

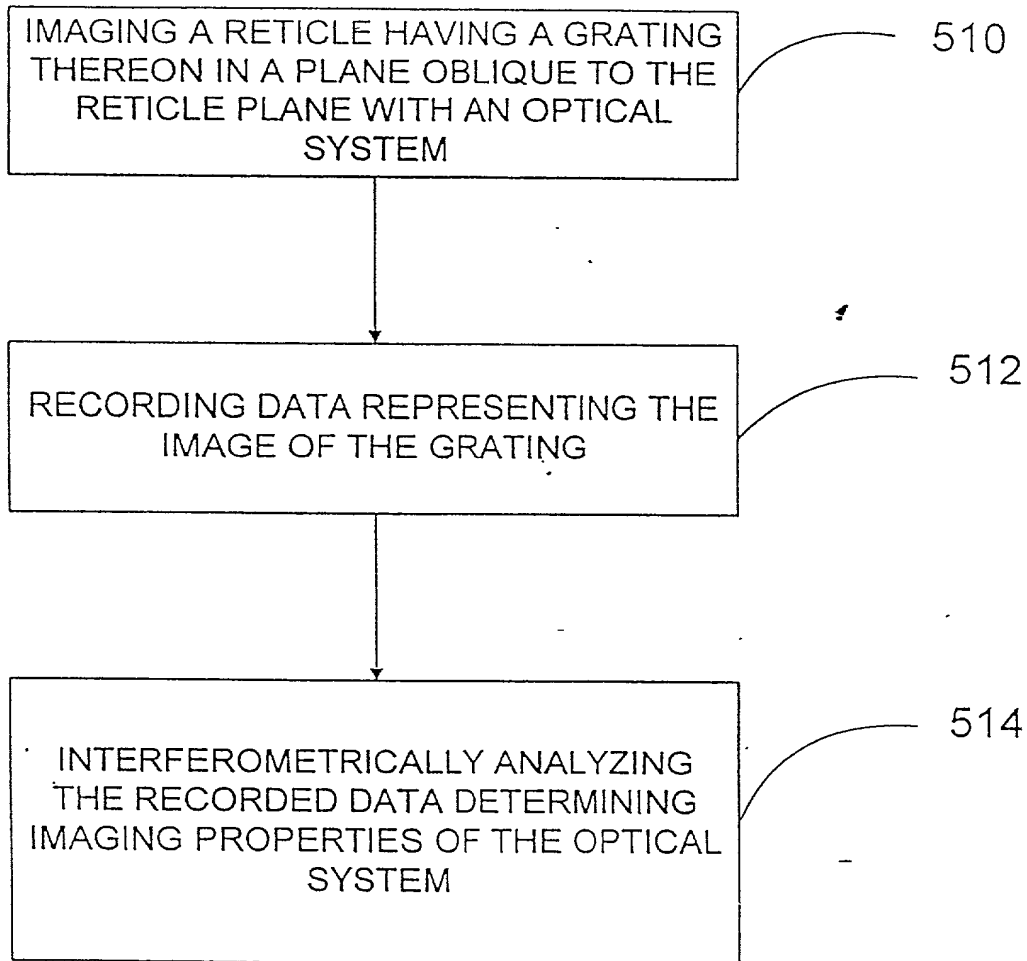


FIG. 7

09907902-071904

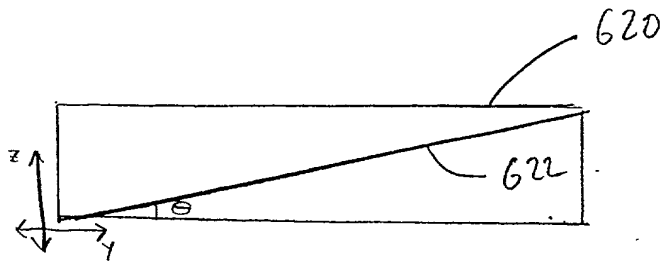


Fig 8A

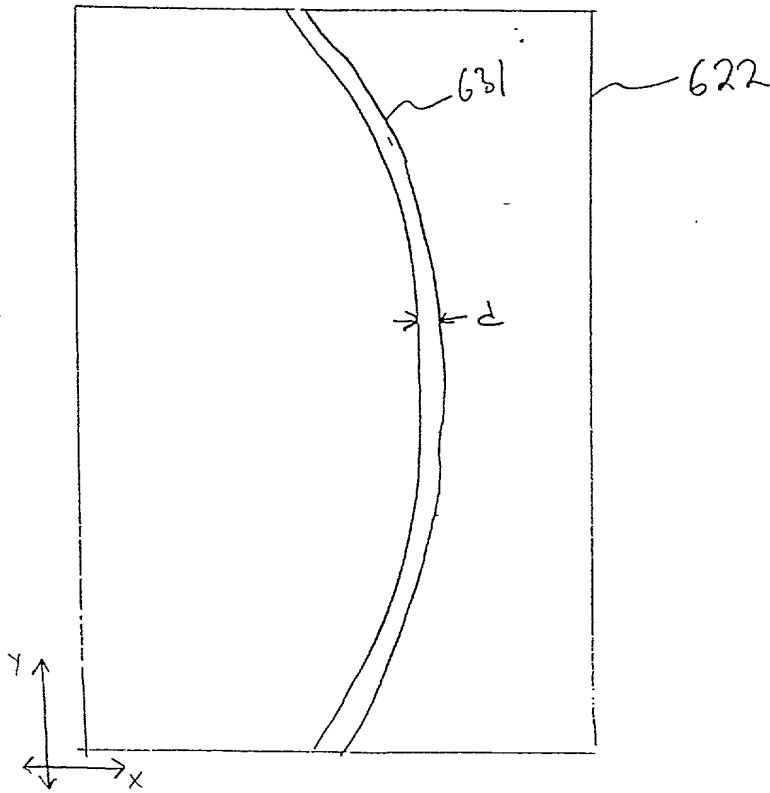
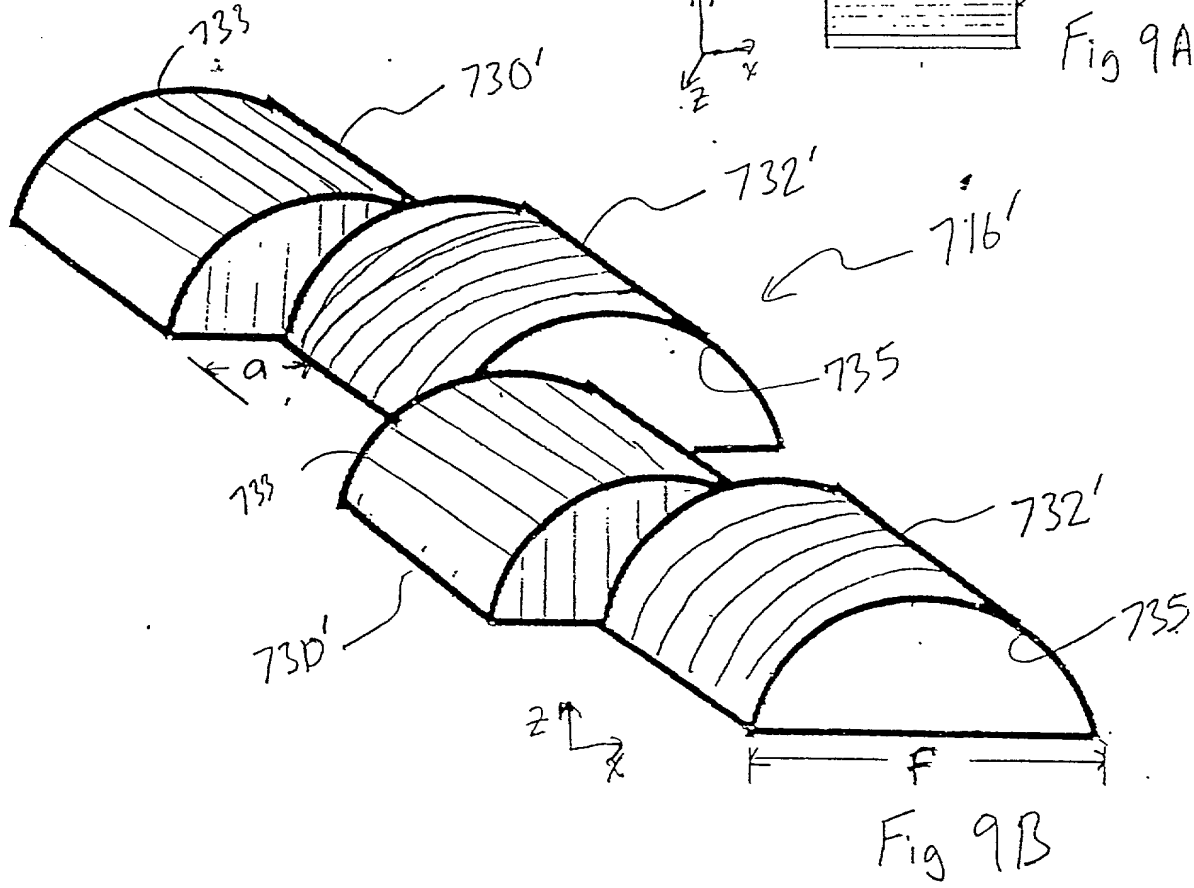
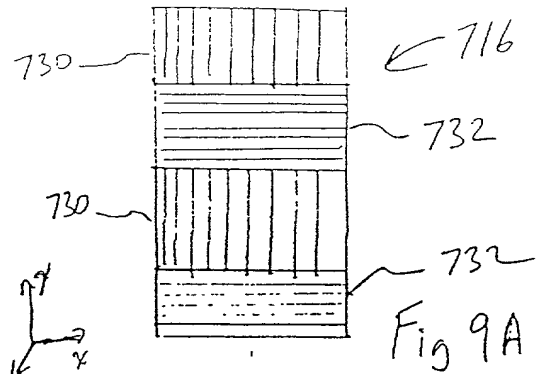
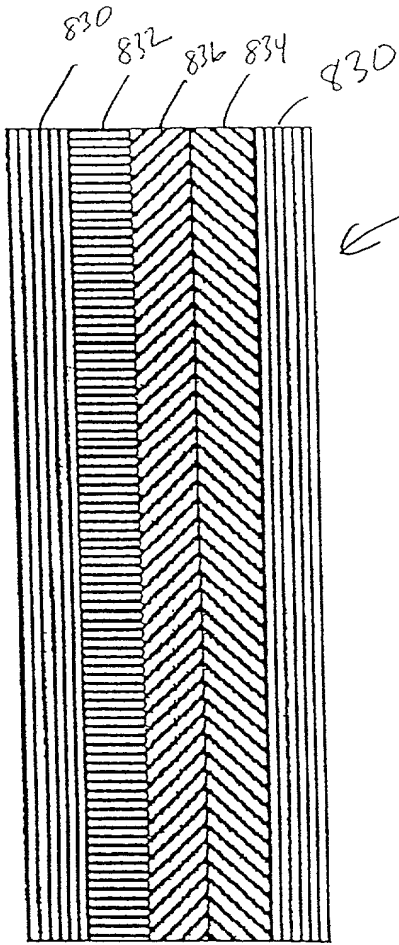


Fig 8B



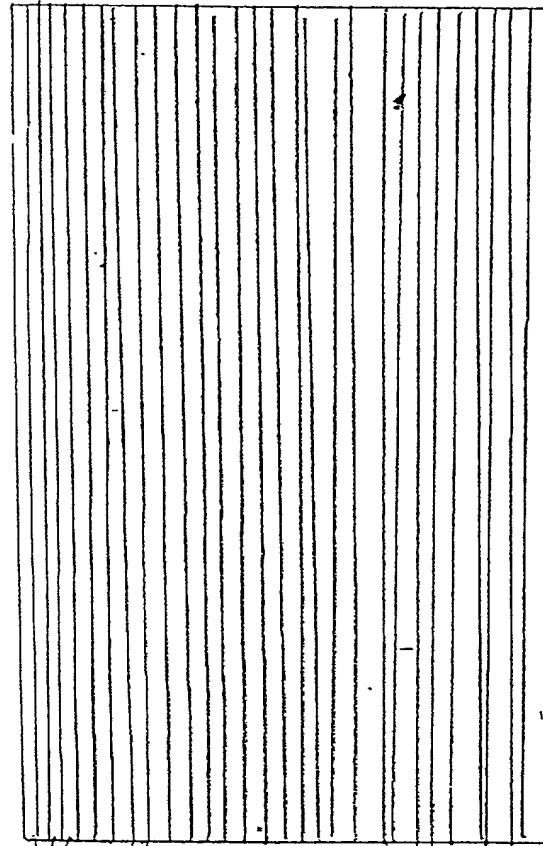
09907902.071904
T06720.206/0660



816

Fig 10A

817



816

Fig 10B

09907902.071901
FOOT 20 206/0660

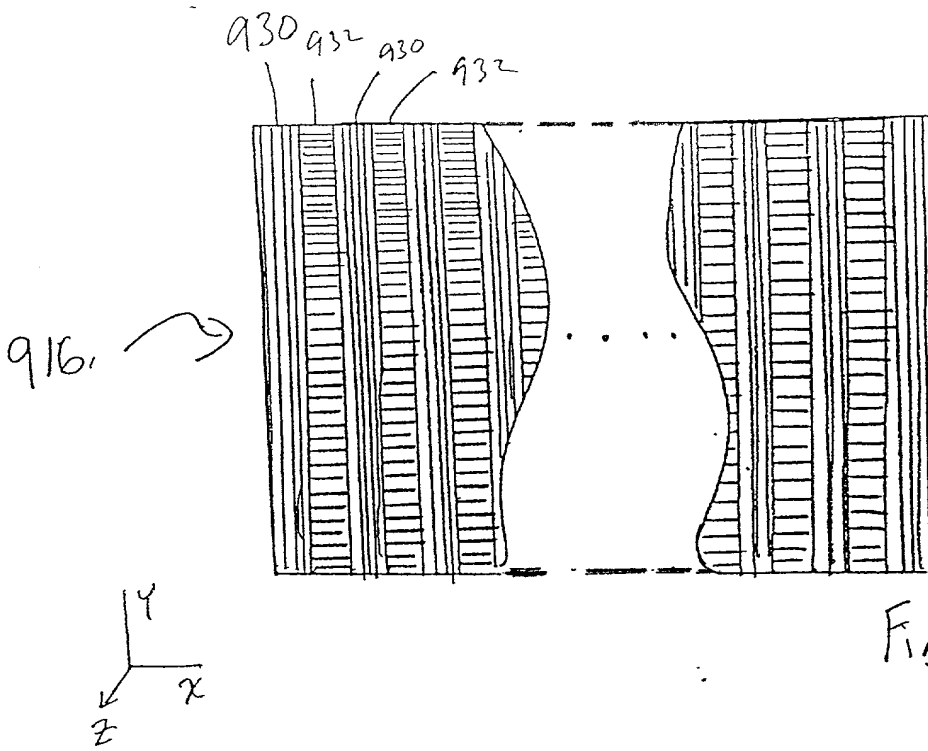


FIG 11A

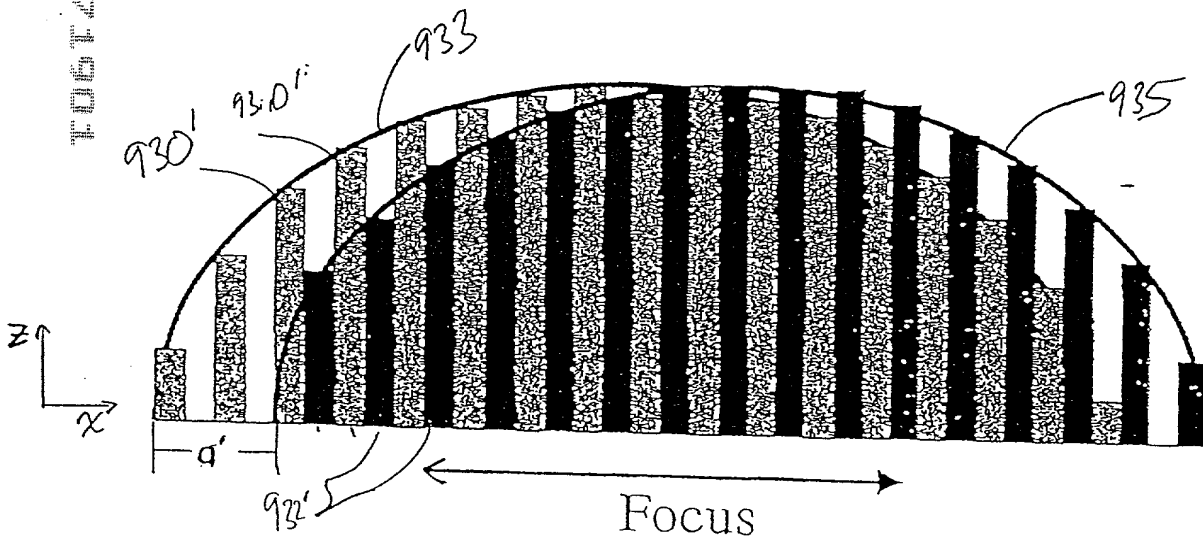
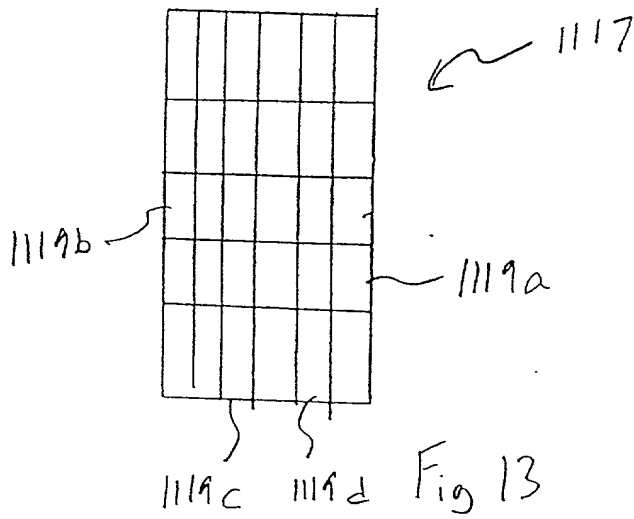
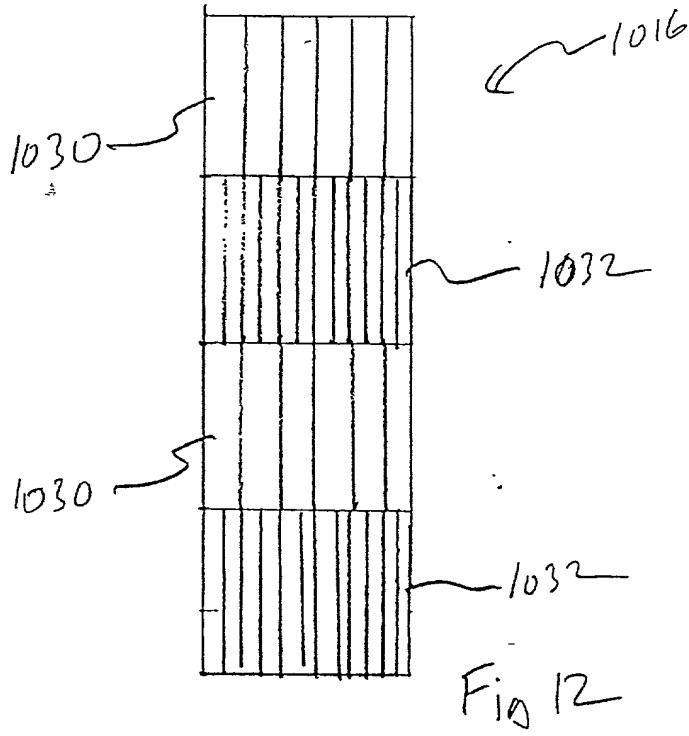


FIG 11B



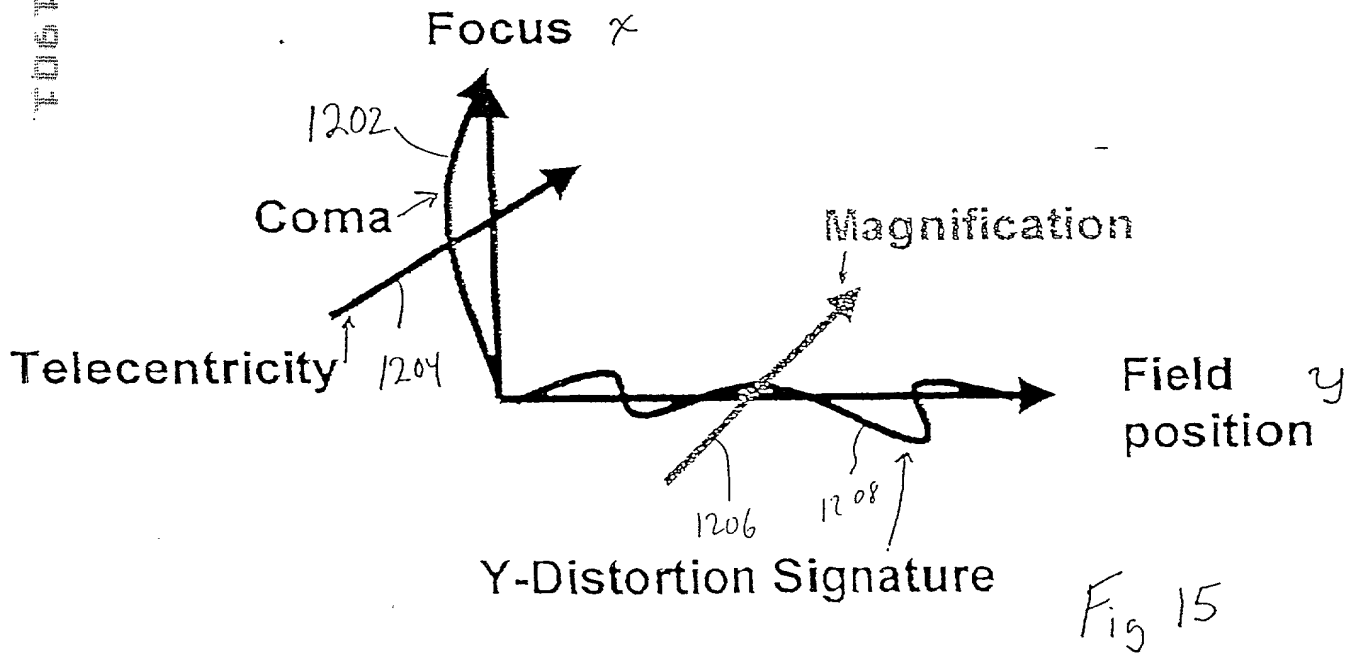
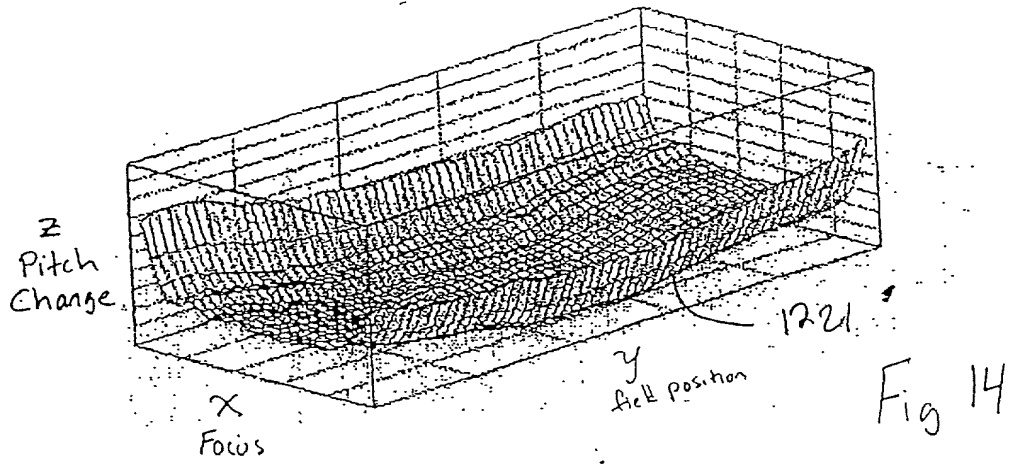
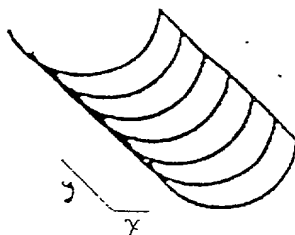


Fig 16A



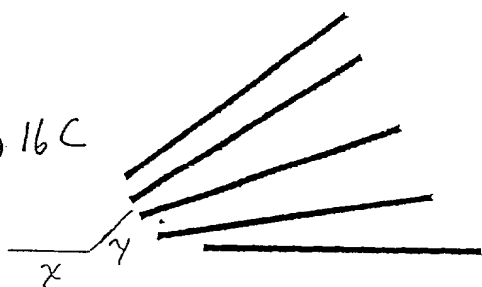
Magnification

Fig 16B



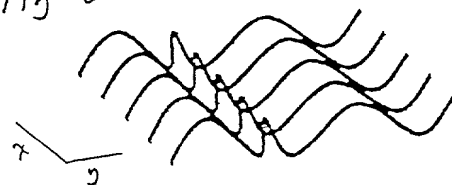
Coma

Fig 16C



Telecentricity

Fig 16D



Y-Distortion Signature

106120 206206602

Fig 17

FOOT 20" 2006/06/06

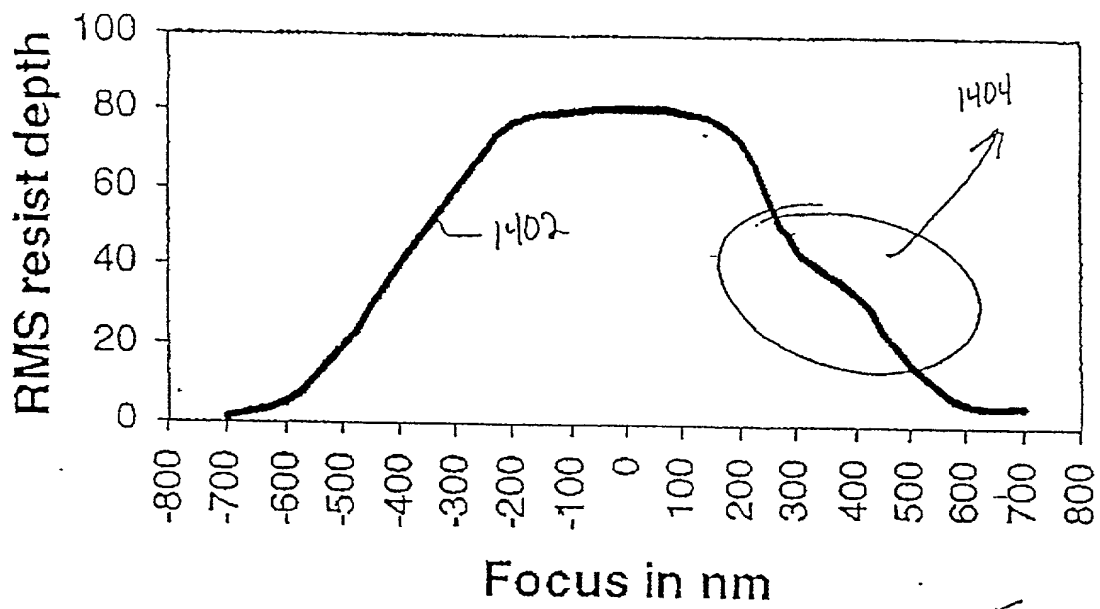


Fig. 18

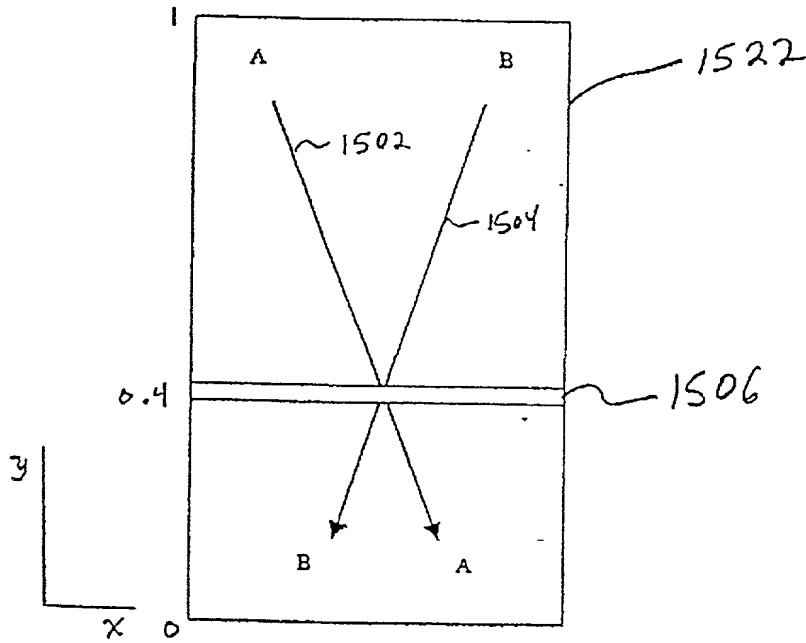


Fig. 19A

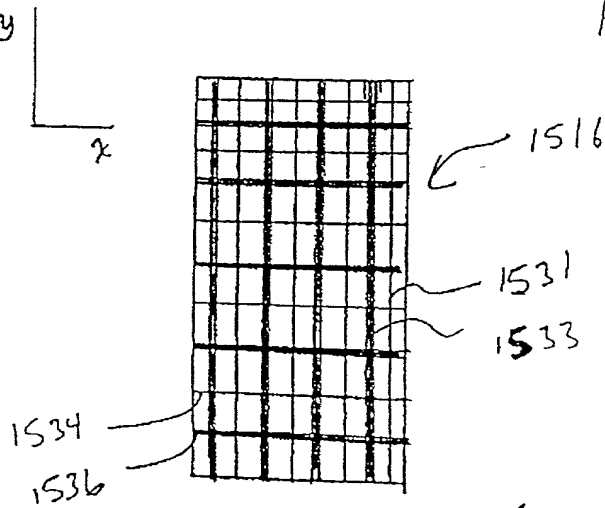


Fig. 19B

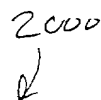


FIG. 20

2025-10-20 20:20:20

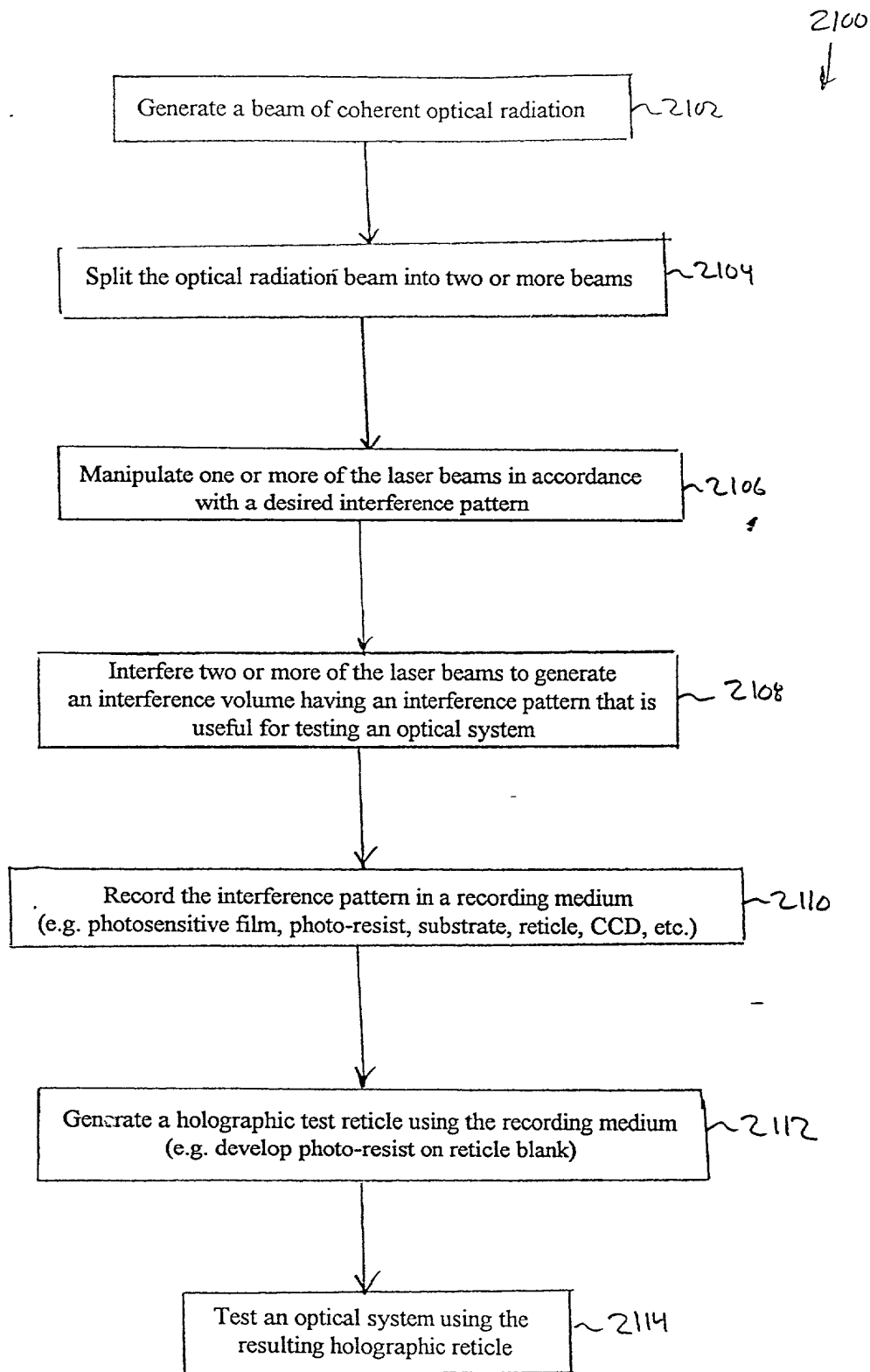


FIG. 21

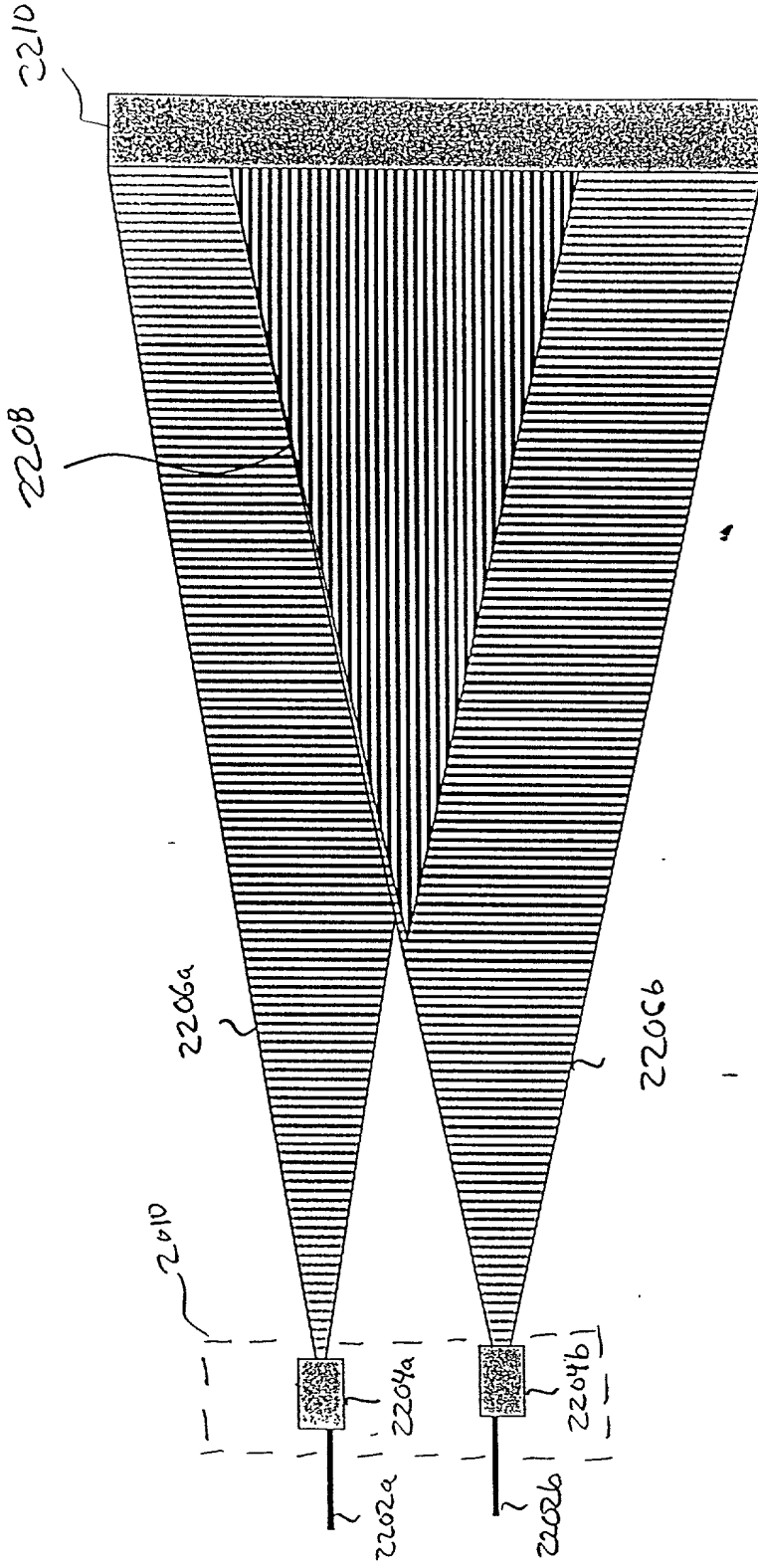


FIG. 22A

2212

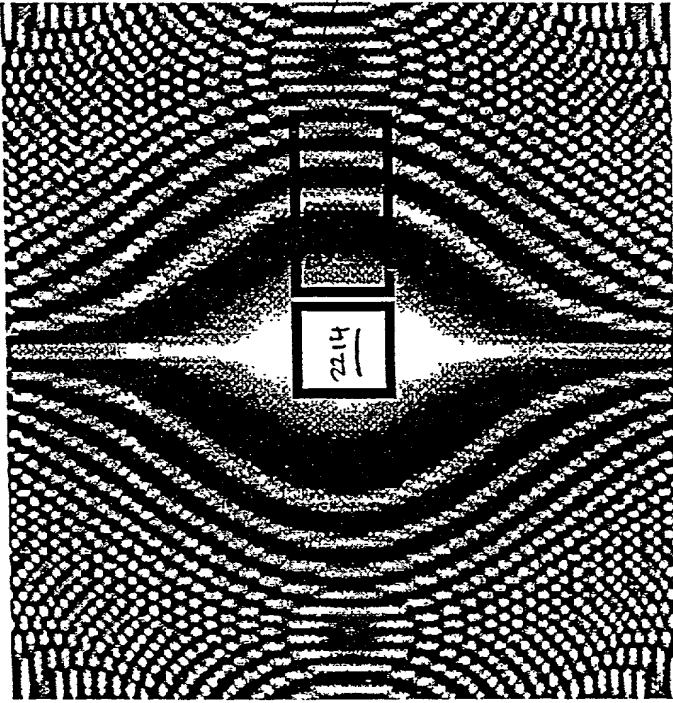


FIG. 22B

FIG. 23A

2300

R

S

D

2304a

α

2304b

β

2310a

2310b

2302

4x reticle 80
--> 1x @ 10

D=400

50 = 5

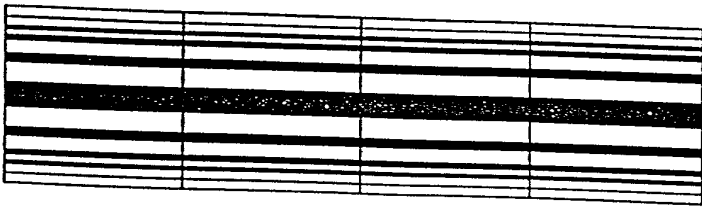
R=100

$$\alpha = 18.7$$
$$\beta = 6.14$$

4x reticle 800 --> 2400 nm pitch range
--> 1x @ 100 --> 300 nm pitch range

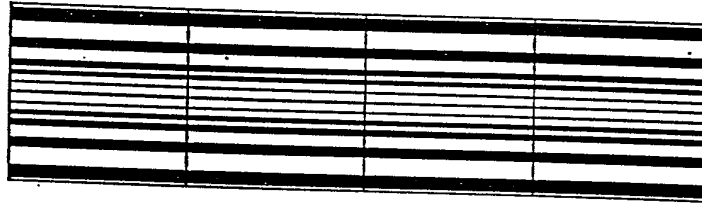
FIG. 23A

~ 2312



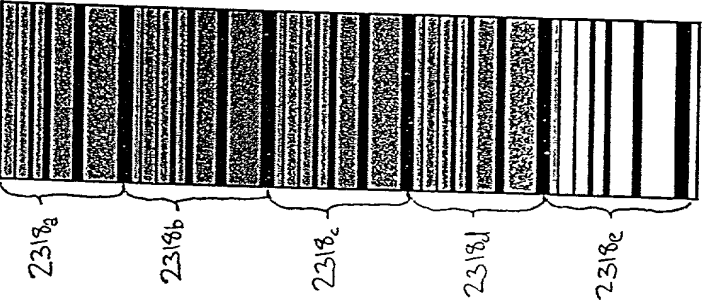
Cylinder Zone Plate
FIG. 23B

~ 2314



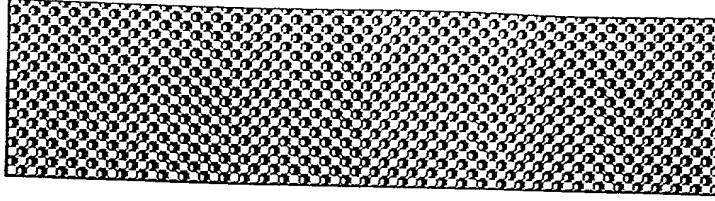
Reverse Cylinder Zone Plate
FIG. 23C

~ 2316



Interlaced Chirped
Holographic Structures
FIG. 23D

~ 2318



Circular Zone Plate Array
FIG. 23E



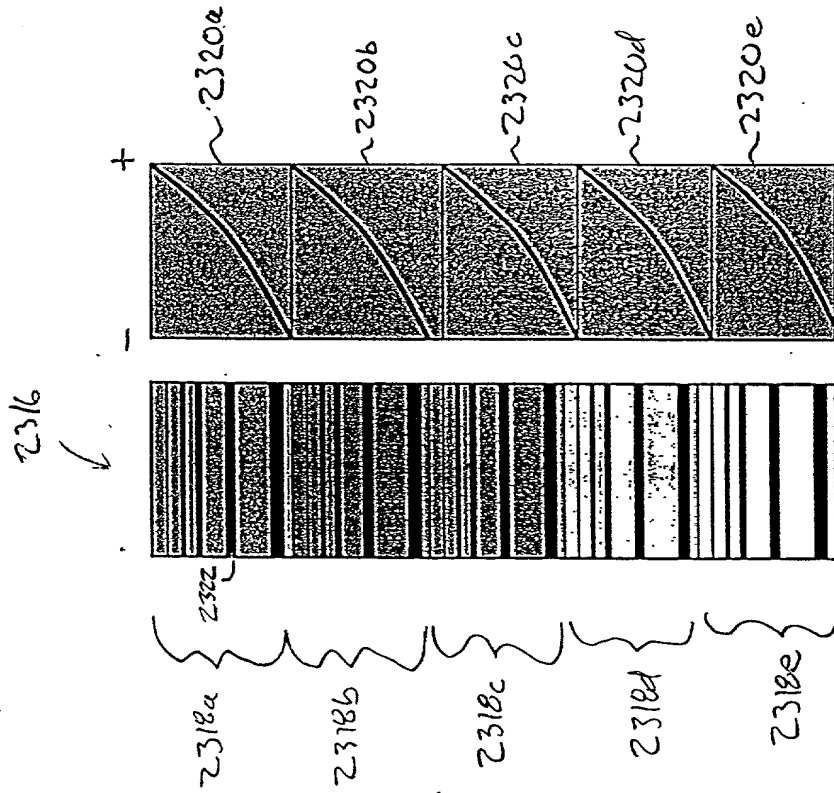


FIG. 23F

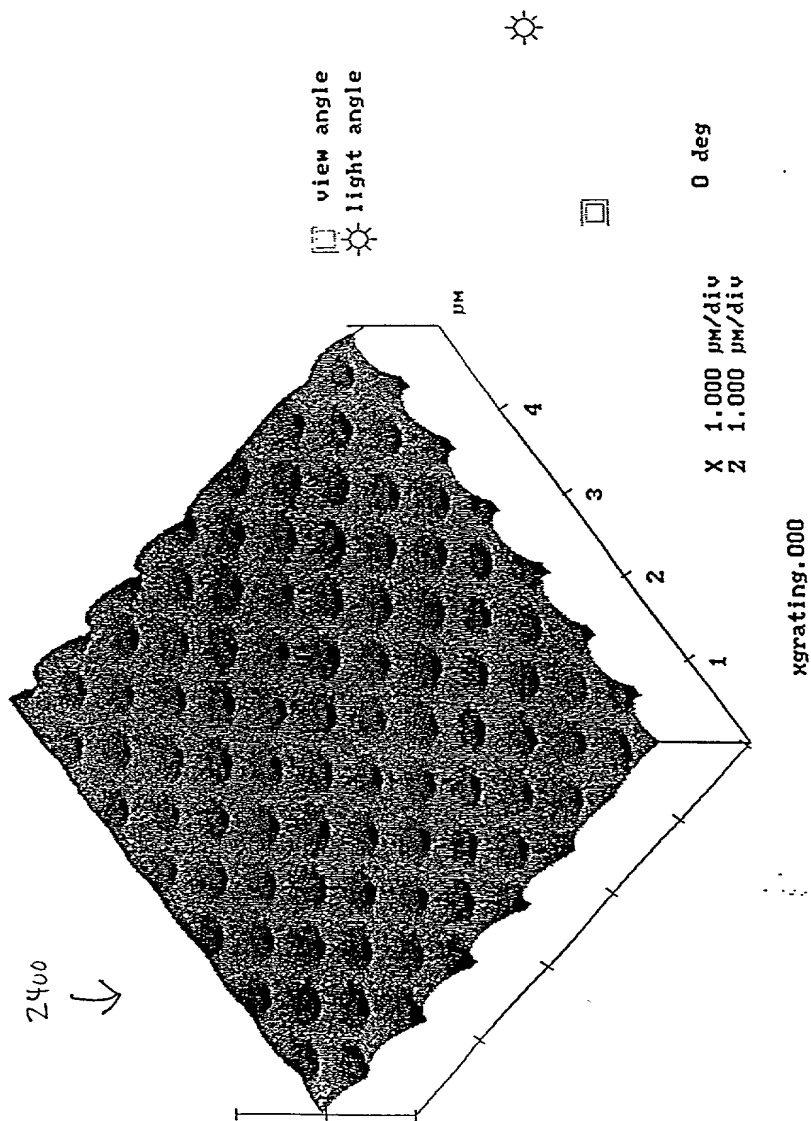


FIG. 24

09007902 071904

2500 ↗

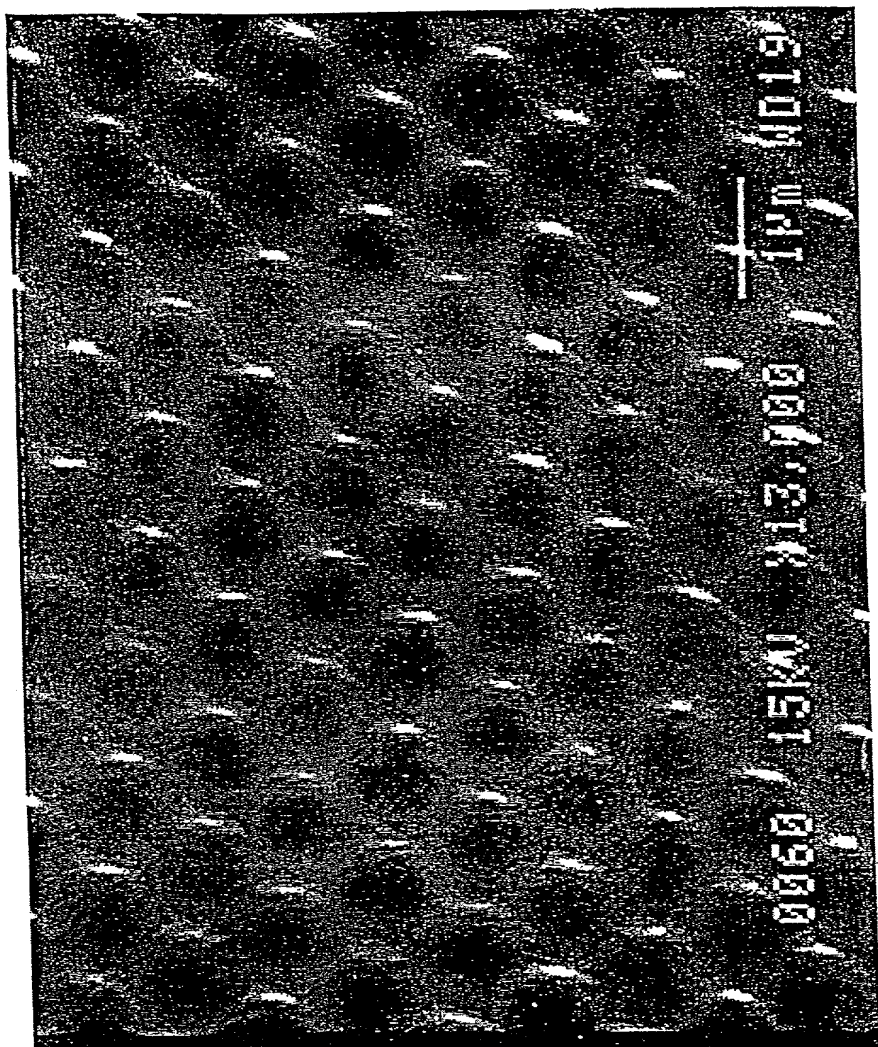


FIG 25

00007900.071901

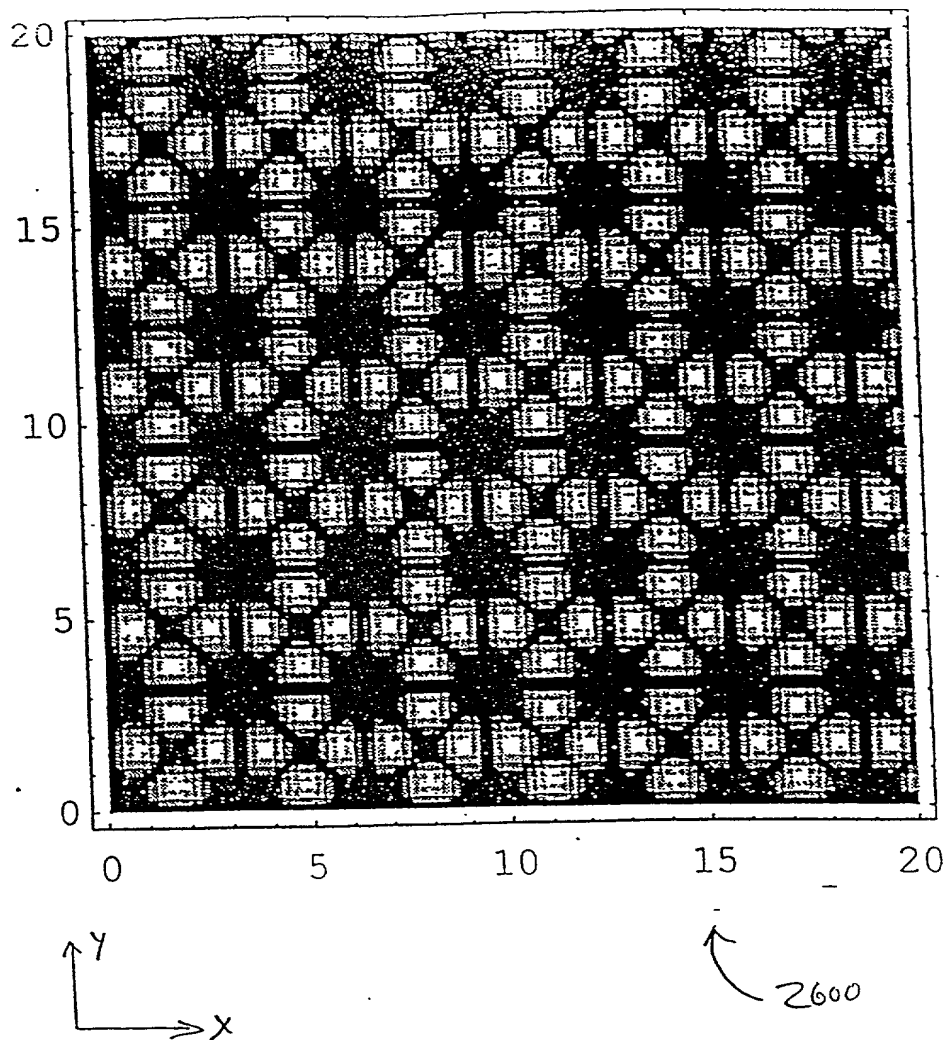


FIG. 26

09907902.071901

ml2
→

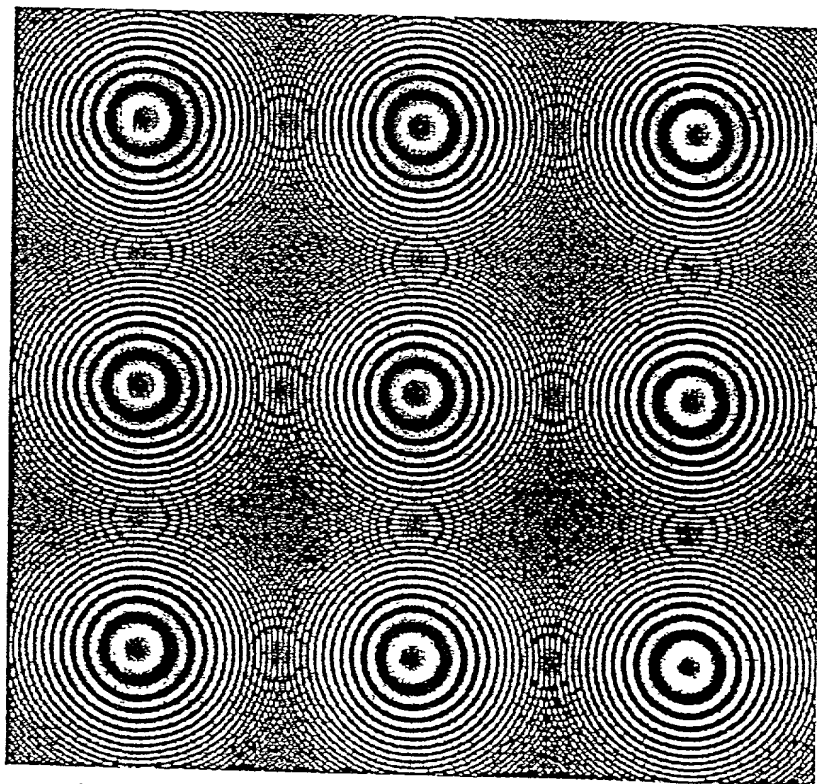
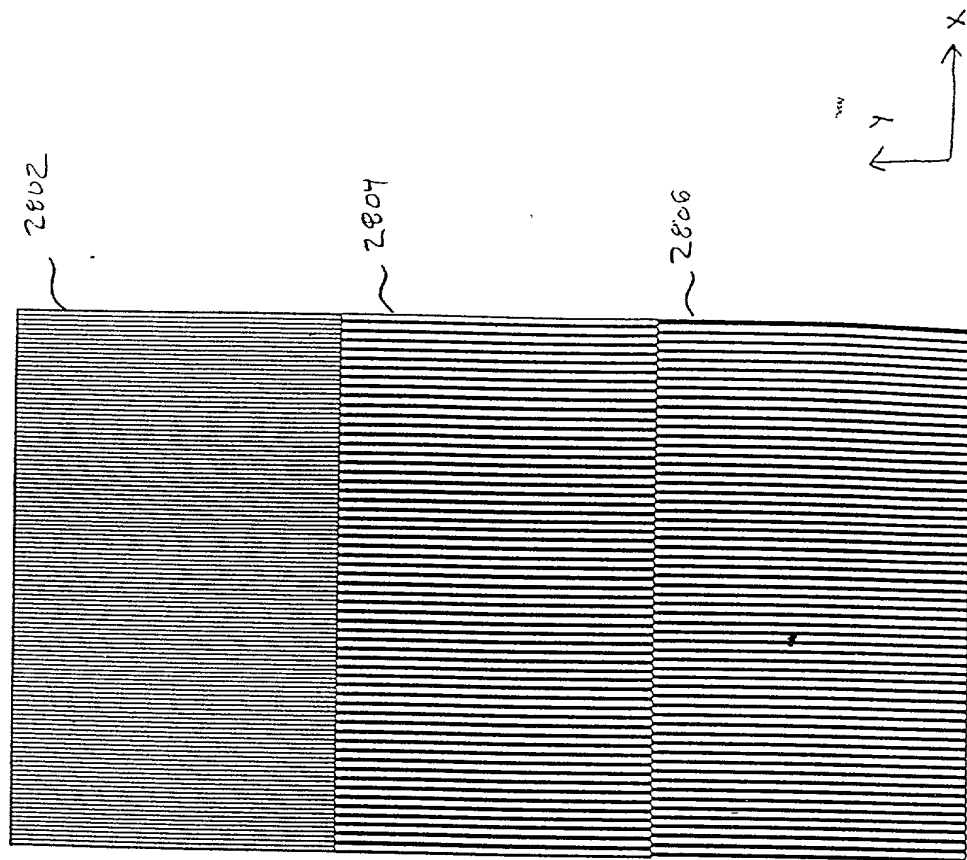


FIG. 27



Pitch change

Phase change

FIG. 28

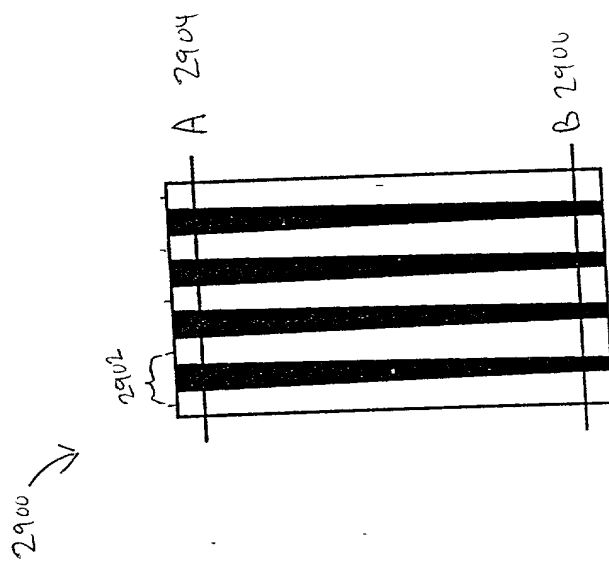


FIG 29A

2908

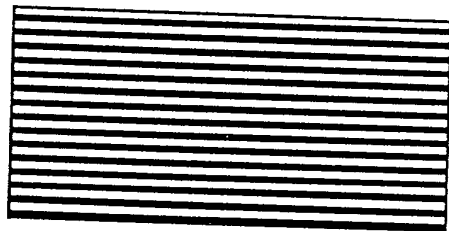


FIG. 29B

2910

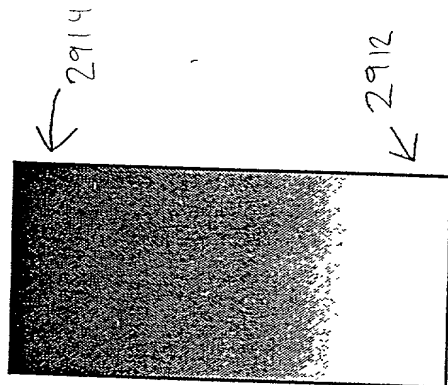


FIG. 29C

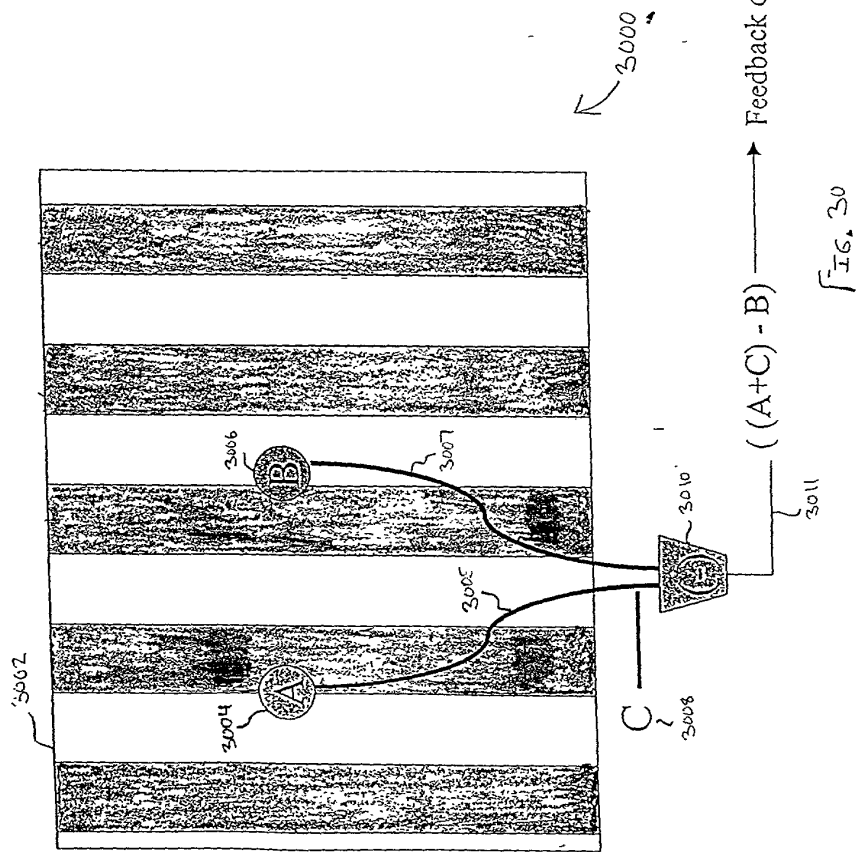


Fig. 30

20250714 09:07:00

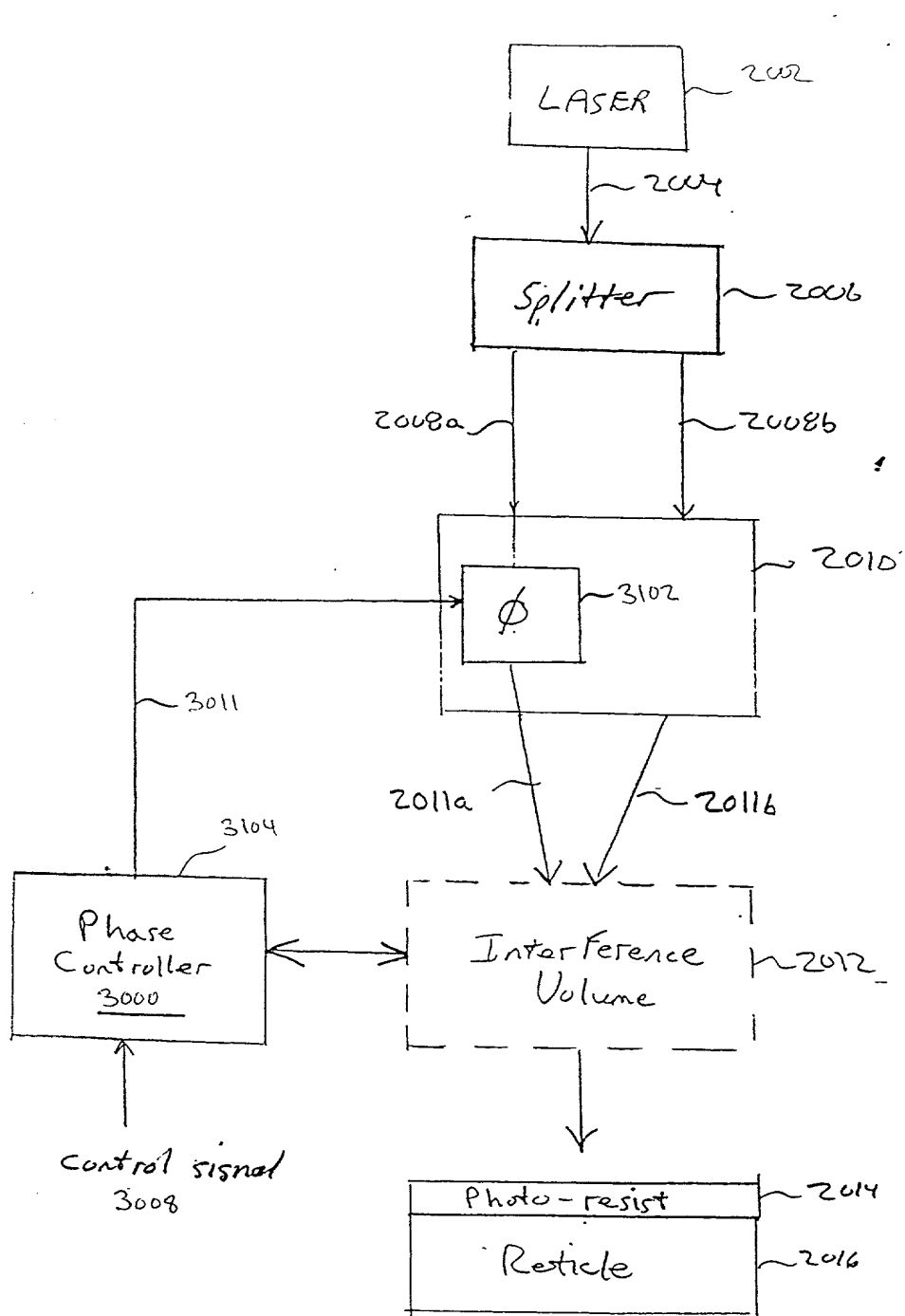


FIG. 31

0907907.0194
2006/0660

3200

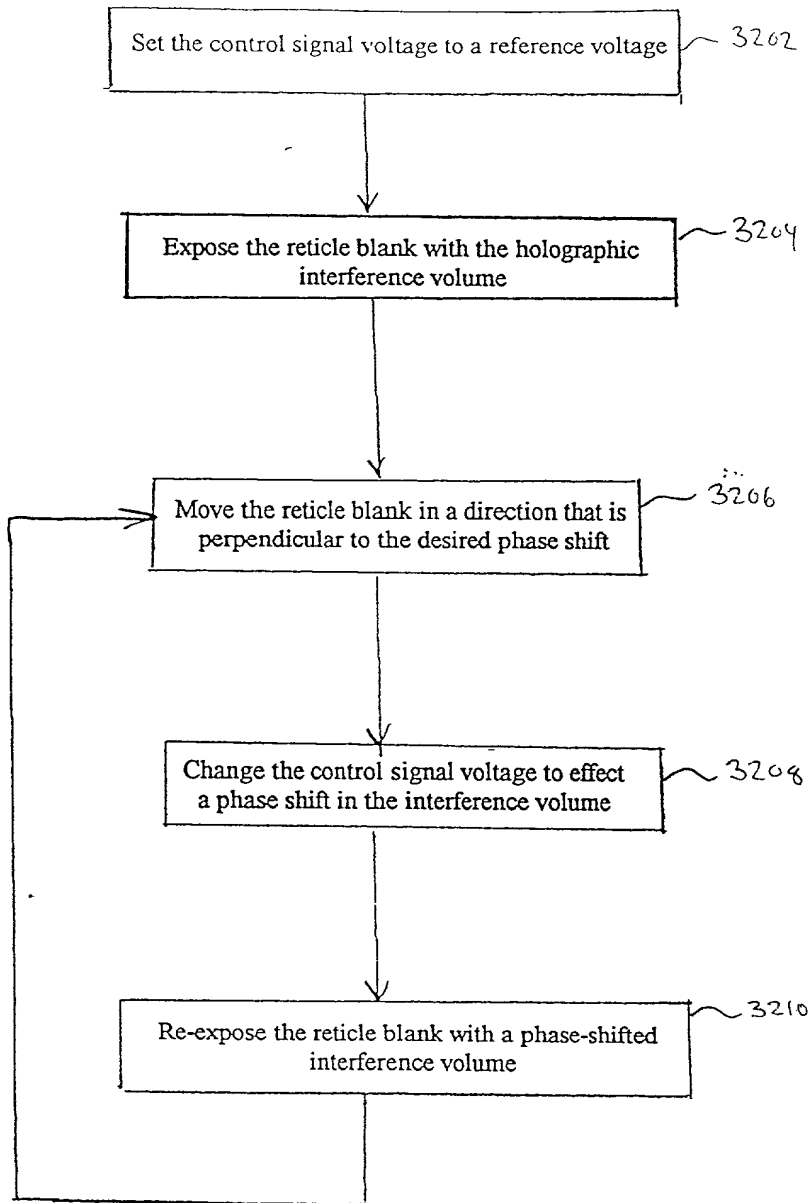


FIG 32

TOP 20" 20620650

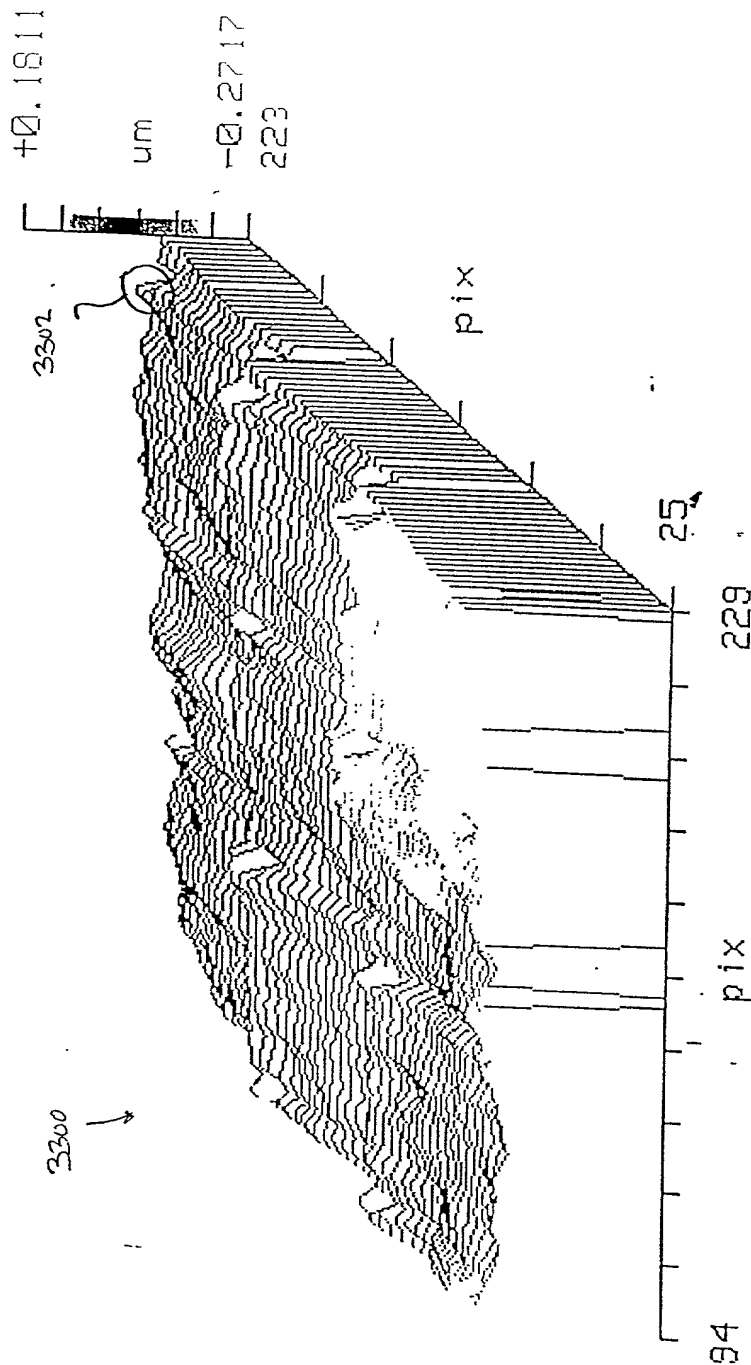


Fig 33

3400
↓

Coma-induced Distortion

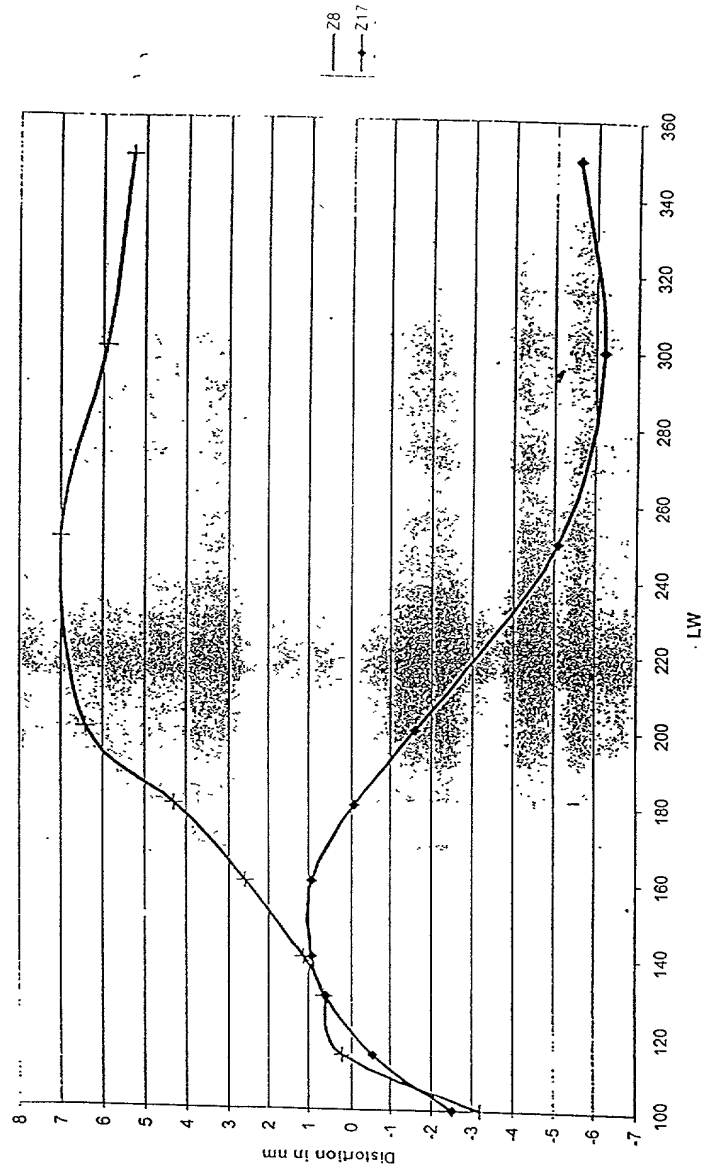


Fig. 34

090700 01404
T05740 20620650

Image shift PC= 0.6 for 0.05 waves Z7 @248

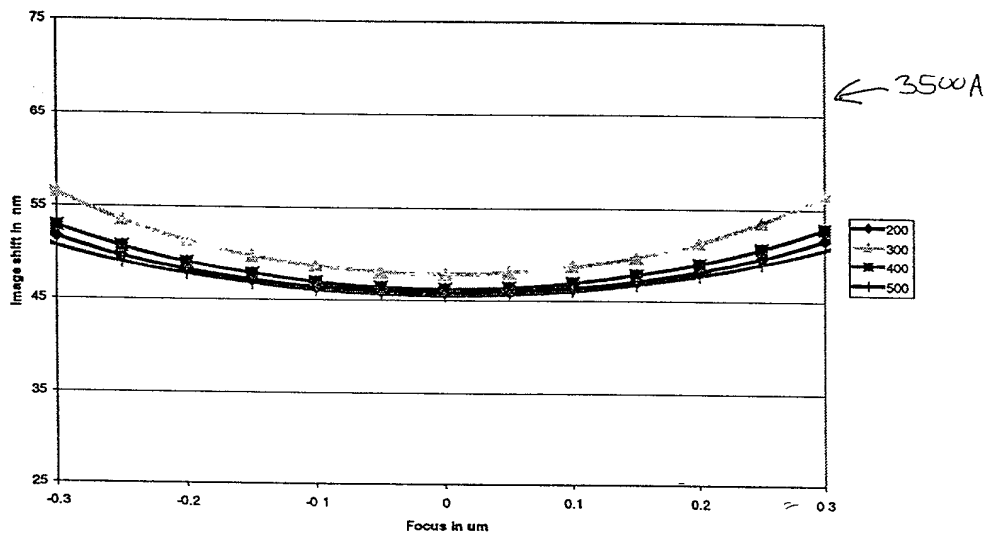


FIG 35A

Image shift PC= 0.3 for 0.05 waves Z7 @248

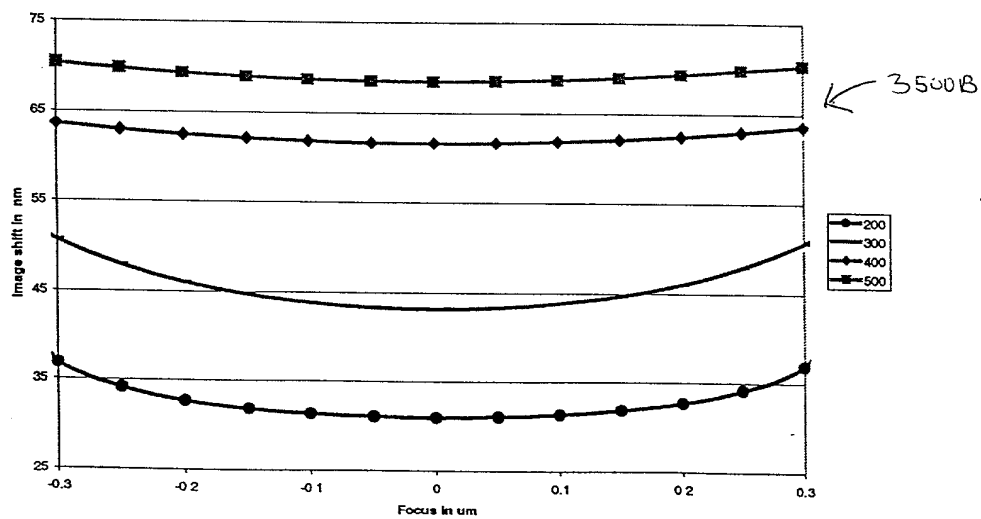


FIG. 35B

FIG. 36

3600	Diffraction Order			
Linewidth	1st	2nd	3rd	4th
100 nm	a			
200 nm	b	a		
300 nm	c		a	
400 nm	d	b		a
600 nm	e	c		
800 nm		d	b	
900 nm			c	
1000 nm				b
1200 nm		e	d	c

T05720 20520550